

2 Williams Street  
Chelsea, MA 02150  
( 617 ) 889 - 6515



## INSPECTORATE

## QUALITY CERTIFICATE

Vessel	" Sample & Analysis "	Port	Boston, MA	Report	023106
Customer	Sprague Energy	Date	February 19, 2006	Reference	
Operation	Analysis	Terminal	Sprague Deepwater	Sample #	539706

Name of material being tested  
Description of sample source  
Samples Drawn by (company)  
Samples Tested by (company)

### No 6 Fuel Oil

Shore Tank #11  
Inspectorate  
Inspectorate

Tests being Performed	Test method	Sample Results		
Gravity API @ 60F / Denisty	D - 4052	12.4	/	0.9830
Flash Point, PMCC, F	D - 93		150	
Viscosity cSt @ 122F	D - 445		167.5	
Viscosity SSF @ 122F	D - 2161		79.6	
Pour Point C / F	D - 97		9 / 48	
Sulfur , Wt%	D - 4294		0.456	
Water and Sediment, Vol %	D - 1796		<.01	
Sediment by Extraction, wt%	D - 473		0.05	
Water by Distillation, Vol%	D - 95		0.01	
Gross Heat of Combustion, BTU / lb	D - 240		18,398	
Gross Heat of Combustion, BTU / gal	D - 240		150,665	
Ash, wt %	D - 482		0.070	
Vanadium, ppm	D - 5863B		10	
Sodium, ppm	D - 5863B		20	
Nitrogen, wt%	D - 5762		0.31	
Ashphaltenes, wt%	IP - 143		0.09	
Conradson Carbon Residue	D - 189		6.22	
<p>SPRAGUE PROVIDES THE ATTACHED INSPECTION REPORT/ANALYSIS REPRESENTING THE SPECIFICATIONS OF THE PRODUCT AT THE SPRAGUE TERMINAL IN TANK ON THE DATE OF INSPECTION NOTED ON THE CERTIFICATE. THIS ANALYSIS IS PROVIDED TO THE CUSTOMER FOR THE PURPOSE OF ESTABLISHING THE INDEPENDENTLY VERIFIED PRODUCT SPECIFICATION ON A COMPOSITE BASIS IN SPRAGUE'S TERMINAL SHORE TANK AS NOTED ON THE CERTIFICATE. THE INSPECTION REPORT IS NOT TO BE USED FOR ANY OTHER PURPOSE. SPRAGUE DISCLAIMS ANY LIABILITY FOR THE PRODUCT AFTER DELIVERY BY SPRAGUE TO CUSTOMER. SPRAGUE DISCLAIMS ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR AN INTENDED USE EXCEPT AS MAY BE SPECIFICALLY SET FORTH IN WRITING IN ANY CONTRACT OR TERMS OF SALE BETWEEN SPRAGUE AND A BUYER OF PRODUCT. SPRAGUE ASSUMES NO LIABILITY FOR CLAIMS OR LOSSES THAT MAY ARISE FROM CUSTOMER'S USE OF THIS INSPECTION REPORT/ANALYSIS.</p>				

\*\* Annotates Analysis Contracted Out

\*\*\* Annotates Loadport information- this test was not performed by Inspectorate